THE WORLD OF TELECOMMUNICATION 2010

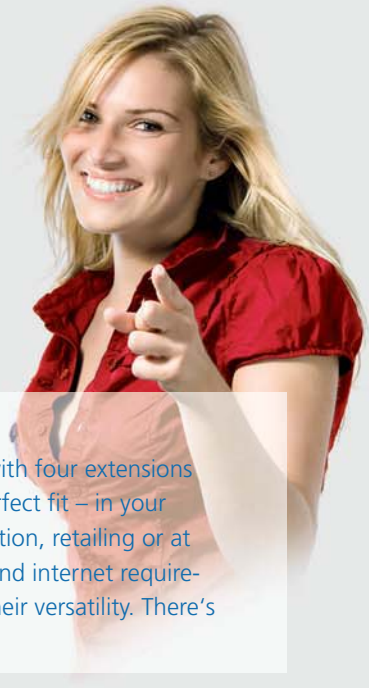
AUERSWALD

OVERVIEW

Auerswald®

Simply Clever PBX Systems

Why choose Auerswald?



When selecting a new telephone system, technology and price will probably not be the only criteria to influence your decision, because you know factors such as good quality, reliability, flexibility and a manufacturer who will answer queries concerning your product and supply the latest software even years later are of far greater value today.

Read below what you can expect when you choose Auerswald!

A wide-ranging and diverse product portfolio

Auerswald has the right solution, whatever your needs may be: from a compact PBX system with four extensions to a modular ICT system for more than a hundred subscribers. All Auerswald systems are a perfect fit – in your home or at work, whether that's in a workshop, an office, or on a construction site, in production, retailing or at your consulting rooms. When you tell your specialist dealer what your telephone, fax, e-mail and internet requirements are, he's sure to recommend one of our products, because they're so well-known for their versatility. There's not much that an Auerswald system can't do.

A consistent system design concept

Optimum use of a communication system's full range of features is only possible when the individual components are perfectly matched. And only system telephones can be adjusted to your personal habits of use, whichever model you choose and whatever context you use it in.
Because of our platform strategy and consistent software structure, Auerswald systems of all sizes benefit from development updates. As a result, our smaller systems have features that you would normally find only in a professional system.

The right system for every network

Everybody's talking about it: Voice over IP, or VoIP. Making telephone calls via the computer network is now very much part of life and traditional telephony will gradually become a thing of the past. But millions of users still have analog or ISDN lines that they will continue to use for a number of years.
You don't need to choose between analog and ISDN technology or VoIP when buying a telephone system – you can have it all!

A future-proof investment for years to come

Your expectations of a communications system are bound to change over time. We'll help you implement your plans – with our modular and expandable PBX systems.
Planning to switch from ISDN to VoIP? The right modules will quickly upgrade your system to IP telephony.
And free software updates ensure your communications network always has the latest features.

Energy-saving products

Long before the public debate on energy costs started, we were already developing telephone systems that would use as little energy as possible. Our new COMpact 3000 system sets new standards as a real energy saver.
And our system telephones help you save money, too: when not in use, they switch to energy-saving mode and will then consume up to 50 percent less electricity.

Made in Germany – more than just a label

Our efficient processes and ingenious design ideas help keep production costs down, even in Germany with its relatively high wage costs – an advantage that makes Auerswald products such good value. It goes without saying that we manufacture all products to our legendary Auerswald quality – so don't take our "Made in Germany" label as just a nice promotional idea. It's there to let you know that these are products you can trust.

MADE IN GERMANY

Big or small …

PBX systems

Satisfying your demands!

Auerswald is offering PBX systems from compact systems for private homes or home offices up to fully modular ICT systems for medium sized enterprises. In any case you will find here professional telephony solutions helping you to realise your personal needs in a cost-efficient way.

COMpact 2104.2

Pay little, get a lot

If you need a PBX system that is easy to use, has four extensions, but won't cost the earth, the COMpact 2104.2 USB is the system for you! It comes with a USB-PC interface and is prepared for state-of-the-art communication options such as computer-assisted telephony (CTI), use of your PC as a fax and answering machine, or data transfer and internet access. With its ready-to-use case and the COMset software package, installation and setup of the COMpact 2104.2 USB are quick and simple, letting you enjoy the system's little luxuries within only a few minutes.

ISD

COMpact 2104.2 USB

- Compact ISDN system
- System phone book
- Call data management
- Least Cost Routing

COMpact

	2104.2 USB
Number of trunk lines (analog / ISDN / VoIP)*	– / 2 / –
Number of extensions (analog / ISDN / VoIP)*	4 / – / –
Number of module slots	–
Integrated voicemail and fax boxes	–
Configuration, set-up	PC software
Configuration interface	USB + ISDN
CTI connection (dialling with computer)	single user TAPI
Connection of door InterCom	via analog port

* at expandable systems depending on the expansion level

Telephones

Telephony in a class of its own!

Auerswald is offering telephones for every demand and for every budget. It does not matter whether you are looking for an analog convenience phone for connection to the public network, a low-radiation cordless phone or a real high-end system telephone – you will find the ideal solution here.

COMfortel DECT 660C / 900

Total mobility and ease of use

analog

ISDN

When choosing a new cordless phone, you'll be looking for an attractive design and, of course, outstanding user friendliness. COMfortel DECT from Auerswald is a perfect choice in this respect. COMfortel DECT 660C is offering all this but outstanding is the innovative fulleco® technology reducing the electromagnetic radiation by up to 65 percent. COMfortel DECT 900 is th cordless system phone for the Auerswald PBX systems. This package offers control fo system features and has automatic synchronisation of the system phonebook. Connec ted to an internal S_0 bus it does not need an extra power supply.

COMfortel DECT 660C

- Analog cordless telephone with fulleco® technology for reduced electromagnetical emission

COMfortel DECT 900

- ISDN cordless system telephone
- Automatic replication with the system phone book

COMfort / COMfortel

	DECT 660C	900
Internal phone book entries / sync. with system phone book	200 / –	140 / •
Name display / online name search (reverse search)	• / –	• / •
Intergrated voicemail	–	
Handsfree / loudspeaker / InterCom function	• / • / –	
Headset connection	–	2.5 mm TRS
Speed dial keys / busy lamp field	– / –	
Key extension	–	
System connection	analog port	internal S_0 port

... a perfect solution for everyone!

COMpact 3000 series

Intuitive and easy-to-use

With its new COMpact 3000 series, Auerswald shows how powerful a small PBX can be nowadays. All three versions offer a central voicemail and fax system with an automatic notification function, print server functionality, ports for external storage devices and lots of telephony features. If you need more it can be extended with additional analog or ISDN ports and with VoIP channels.

COMpact 3000, all models

- Integrated voicemail and fax receivers
- Connection of ISDN and VoIP system telephones possible
- CTI in the network
- Web interface and LAN connection

COMpact 3000 analog

- Expandable analog system
- Active and passive fax switch

COMpact 3000 ISDN

- Expandable ISDN system

COMpact 3000 VoIP

- Expandable VoIP system
- Runs with Asterisk firmware

Telephony in top form

Just see for yourself: installing and guring is beautifully simple. Connect PC to the integrated USB port and you control without needing to worry abo addresses. The USB port can even be for web access and CAPI applications. COMpact 4410 USB comes with tw ports plus 10 analog ports for a mult of devices and can be extended with more S_0 ports and door phone / swit functions. Available as well as COM 2206 USB with six analog extension p

	3000 analog	3000 ISDN	3000 VoIP	2206 USB
	1 / 0–2 / 0–2	– / 2–4 / 0–2	– / 0–2 / 0–4	– / 2 / –
	4–6 / 0–2 / 0–2	4–6 / 0–2 / 0–2	4–6 / 0–2 / 0–4	6 / 2 / –
	1 for COMpact 2analog, ISDN or S_0 module			1
	6 voicemail + 6 fax boxes			
	telephone + web interface			
	Ethernet + ISDN*			USB
	LAN-TAPI			si
	via analog port			via a

* (available from Q3/2010)

COMfort 200 / COMfortel 500

Stylish analog telephones

If you need an inexpensive but modern looking entry-level telephone here it is: Auerswald's COMfort 200.

In addition the analog user-friendly COMfortel 500 is ideal for use as an extension telephone on Auerswald PBX systems, but you can just as easily plug it into an analog trunk line port. Its stylish design – the same as Auerswald's system telephones – and intuitive menu structure are definite points in its favour.

COMfort 200

- Analog design telephone for desktop use and wall-mounting

COMfortel 500

- Analog comfort telephone
- Power supply via analog port, no external power supply or batteries

High comfort – low budget

The COMfortel system telephones offer maximum user friendliness, are intuitive to use, have a state-of-the-art design that blends into any environment, and superior functio What's more, they can even automa configure to the type of port connec an exclusive innovation. COMfortel and COMfortel 1500 open up this ran fering top performance at a moderate

COMfortel 1100

- ISDN system telephone with 1-line display
- 15 function keys with LED

	200	500	1100
	11 short dial memories / –	99 / –	– / •
	– / –	• / –	
	–		
	– / – / –	• / – / –	
	–	COMfortel Headset	CO
	1 / –	15 / –	
	–		
	analog port		intern

COMpact 2206 USB / 4410 USB

ISDN

COMpact 2206 USB

- Expandable ISDN system
- Connection for system telephones
- Door and switching functions

COMpact 4410 USB

Like COMpact 2206 USB but:

- Hotel function
- Waiting field for 4 calls
- Boss/secretary function
- Automatic Attendant

COMpact 5010 VoIP / 5020 VoIP

Any type of line

analog
ISDN
VoIP

Whatever network, provider or service you opt for – these systems are the ideal choice. Even better: they are compact but equipped with the complete feature set of the big ones. Connect the COMpact VoIP to your company network, open the built-in web server and you have access to all these possibilities. If the basic model becomes too small it can be extended with modules. Due to this fact COMpact 5010 VoIP provides up to 8 trunk lines and ports for 10 subscribers – the COMpact 5020 VoIP offers capabilities for a maximum of 14 external lines and 26 internal ports.

COMpact 5010 VoIP

- Expandable analog/ISDN/VoIP system
- Connection for ISDN or VoIP system telephones
- Door and switching functions
- CTI in the network
- Automatic Attendant

COMpact 5020 VoIP

Like COMpact 5010 VoIP but:

- Hotel function
- Waiting field for 14 calls
- Boss/secretary function

4410 USB	5010 VoIP	5020 VoIP
– / 2–4 / –	0–2 / 0–2 / 0–4	0–6 / 0–6 / 0–8
10 / 2–6 / –	6 / 2–4 / 0–4	10 / 2–16 / 0–8
3	1 + 1 COMpact 2VoIP	3 + 1 COMpact xVoIP
–	–	
PC software	web interface	
3 + V.24 + ISDN	Ethernet + ISDN	
ngle user TAPI	LAN-TAPI	
nalog or FTZ port	via analog or FTZ port	

COMfortel 1100 / 1500

ISDN

COMfortel 1500

- ISDN system telephone with multi-line display
- Menu guided user interface
- Available in three colours

COMfortel 2500 / 2500 AB

A multitude of options

ISDN

For even more user friendliness and greater ease of use, the COMfortel 2500 has a large illuminated graphic display. If its 15 function keys aren't enough, simply expand your system telephone with the COMfortel Xtension30 modules to up to 105 keys. The integrated headset port gives you greater freedom to move about. You could also fit your COMfortel 2500 with an SD card, providing you with a powerful yet easy-to-use voicemail system.

COMfortel 2500

- ISDN system telephone with large, illuminated display
- Available in three colours

COMfortel 2500 AB

Like COMfortel 2500 but:

- Voicemail system already integrated

1500	2500	2500 AB
400 / •	800 / •	
• / •	• / •	
–	optional	•
• / • / •	• / • / •	
MfortelHeadset	COMfortel Headset + COMfortel DECT Headset	
15 / •	15 / •	
–	3 x 30 keys (COMfortel Xtension30)	
al ISDN port (U_{P0}/S_0)	internal ISDN port (U_{P0}/S_0)	

COMmander Basic.2 / Business

Designed for the future

If it's a future-proof, versatile communication system offering both traditional and IP telephony that you are looking for, we've got the solution you need: the Auerswald COMmander. It's based on a completely modular concept that protects your investment perfectly. The basic models have a "blank" configuration and can be equipped with precisely the modules and functions required to meet your individual needs.

If you need up to 48 subscribers COMmander Basic.2 with 5 module slots is the right choice. For more expandability COMmander Business offers up to 15 module slots good for up to 120 internal ports.

COMmander Basic.2

- Full modular ISDN/VoIP system
- Up to 48 subscriber ports
- Connection for ISDN or VoIP system telephones
- Door and switching functions
- CTI in the network
- Multiple business operation
- Waiting field for 34 external calls

COMmander Business

Like COMmander Basic.2 but:

- Expandable housing
- Up to 120 internal ports
- Waiting field for 38 external calls

Both systems are available in a 19" rack version as well. Functionality and configuration possibilities are identical to the classic wall-mounted version.

COMmander Basic.2	COMmander Business	
– / 0–34 / 0–24	– / 0–38 / 0–38	Number of trunk lines (analog / ISDN / VoIP)*
0–32 / 0–48 / 0–24	0–64 / 0–112 / 0–64	Number of extensions (analog / ISDN / VoIP)*
5	9–15	Number of module slots
–		Integrated voicemail and fax boxes
web interface		Configuration, set-up
Ethernet + USB + ISDN		Configuration interface
LAN-TAPI		CTI connection (dialling with computer)
via analog or FTZ port		Connection of door InterCom

* at expandable systems depending on the expansion level

COMfortel VoIP 2500 AB

Perfect VoIP migration

Connect your new system telephones simply to your computer network and your building needs no separate telephone wires. Or integrate a company representative at the other end of the country into the head office's PBX system as an internal(!) subscriber. No problem with our new IP system telephone. It has the same design and range of functions as the COMfortel 2500 AB for ISDN.

It's the right choice for all those who want to invest in new technology for the long term and always be up-to-date with future upgrades.

COMfortel VoIP 2500 AB

- VoIP system telephone with big, illuminated display
- Integrated voicemail system
- Ideal as remote extension for VoIP enabled Auerswald systems (COMpact 3000 / 5010 VoIP / 5020 VoIP, COMmander Basic.2/Business)
- Available in three colours

COMfortel Xtension30

- Variable placement, fitting ergonomically for right or left handed persons
- Secure mechanical coupling
- Expandable up to 3 key extensions
- 30 keys with 2 levels each and multi-coloured LEDs, programmable with 60 functions or speed dial targets
- Second level accessible by double-click or common shift key
- Convenient PC software for key configuration and labelling
- Available in three colours

VoIP 2500 AB	
800 / •	Internal phone book entries / sync. with system phone book
• / •	Name display / online name search (reverse search)
•	Intergrated voicemail
• / • / •	Handsfree / loudspeaker / InterCom function
COMfortel Headset + COMfortel DECT Headset	Headset connection
15 / •	Speed dial keys / busy lamp field
3 x 30 keys (COMfortel Xtension30)	Key extension
Ethernet	System connection

The right PBX solution for you.

Systems for home or home office use

Systems for small to medium offices

Systems for small to medium enterprises

COMpact 2104.2 USB up to 4 subscr.

ext.	1 S_0 port	
int.	4 analog ports	

COMpact 3000 analog sugg. for up to 8 subscr.

ext.	1 POTS	max. 1 S_0 port	max. 2 VoIP channels	expandable
int.	max. 6 analog ports	max. 1 S_0/U_{P0} port	max. 2 VoIP channels	

COMpact 3000 ISDN sugg. for up to 8 subscr.

ext.	max. 2 S_0 ports	max. 2 VoIP channels		expandable
int.	max. 6 analog ports	max. 1 S_0/U_{P0} port	max. 2 VoIP channels	

COMpact 3000 VoIP sugg. for up to 10 subscr.

ext.	max. 1 S_0 ports	max. 4 VoIP channels		expandable
int.	max. 6 analog ports	max. 1 S_0/U_{P0} port	max. 4 VoIP channels	

COMpact 2206 USB sugg. for up to 8 subscr.

ext.	1 S_0 port			expandable
int.	6 analog ports	1 S_0 port	max. 1 door port	

COMpact 5010 VoIP sugg. for up to 10 subscr.

ext.	max. 1 S_0 port	max. 2 POTS	max. 4 VoIP channels		expandable
int.	6 analog ports	max. 2 S_0/U_{P0} ports	max. 4 VoIP channels	max. 1 door port	

COMpact 4410 USB sugg. for up to 16 subscr.

ext.	max. 2 S_0 ports			expandable
int.	10 analog ports	max. 3 S_0 ports	max. 2 door ports	

COMpact 5020 VoIP sugg. for up to 26 subscr.

ext.	max. 3 S_0 ports	max. 6 POTS	max. 8 VoIP channels	max. 14 trunk lines (6 S_0/POTS + 8 VoIP)	expandable
int.	10 analog ports	max. 8 S_0/U_{P0} ports	max. 8 VoIP channels	max. 3 door ports	

COMmander® Basic.2 sugg. for up to 48 subscr.

ext.	max. 8 S_0 ports or 1 PRI port + 2 S_0 ports	max. 24 VoIP channels	max. 34 trunk lines (PRI + S_0 + VoIP)		full modular
int.	max. 32 analog ports	max. 24 S_0 ports	max. 32 U_{p0} ports	max. 24 VoIP channels	max. 2 door ports

COMmander® Business sugg. for up to 112 subscr.

ext.	max. 16 S_0 ports or 1 PRI port + 4 S_0 ports	max. 38 VoIP channels	max. 38 trunk lines (PRI + S_0 + VoIP)		full modular
int.	max. 64 analog ports	max. 56 S_0 ports	max. 72 U_{p0} ports	max. 64 VoIP channels	max. 8 door ports

This overview shows all Auerswald telephone systems with their connection and extension possibilities. Ranging from an ISDN system with four extensions for private homes, an expandable system for the use in the small office / home office environment up to a completely modular ICT server for medium sized enterprises, Auerswald offers the matching solution for everybody.

You want to make telephone calls via the internet? You want to connect IP telephones to your system or even remote extensions?

In that case you should opt for a system having the right technology already integrated. With our VoIP enabled systems you will be well prepared.

Please note the following:

- The COMpact systems marked as expandable can be equipped with modules in addition to their basic setup.
- The setup of the fully modular systems is only determined by the module configuration.
- The hint “sugg. for up to x subscr.” means an optimal number of subscribers at full setup. For the calculation 2 subscribers per S_0 bus have been used.
- The specification “max.” in front of the port quantity refers to the maximum possible setup with the corresponding modules.
- At the combination of external ISDN, POTS and VoIP ports the maximum number of possible trunk lines have to be taken into account (at COMpact 5020 VoIP and COMmander Basic.2/Business).

Accessories

COMpact modules

COMpact 3000 series
– 2analog module
– S_0 module
– ISDN module NEW
available from Q3/10

COMpact 2206/4410 USB
– $2S_0$ module
– TS module

COMpact 5010/5020 VoIP
– 2VoIP module
– 6VoIP module
– POTS module
– 2POTS module
– 2ISDN module
– TSM module
– U_{P0}/S_0 adapter
Adapter for all systems with internal U_{P0} port for the connection of COMfortel ISDN system telephones or other ISDN devices.

COMmander modules

COMmander Basic.2/Business
– 8VoIP module
– 16VoIP module
– PRI module
– $4S_0$ module
– $8S_0$ module
– $8U_{P0}$ module
– 8analog module
– VMF module NEW
available from Q4/10
– 2TSM module
– U_{P0}/S_0 adapter Description see left.

COMfortel Headset / DECT Headset

COMfortel Headset
- Freedom during telephones calls. Comfortable headset for the Auerswald telephones out of the COMfortel portfolio.

COMfortel DECT Headset
- Professional headset for the connection to COMfortel 2500, 2500 AB and VoIP 2500 AB.

TFS-Dialog 100/200

- Available as FTZ or analog variant
- Modern slim line housing, only 16 mm deep, 1–4 bell buttons
- Name plates with energy saving LED technology

TFS-Dialog 300

- Operation on analog subscriber ports of PBX systems
- 1–4 large scale bell buttons, optional as light keys
- Excellent speech quality

TFS-Universal a/b

- Operation on analog subscriber ports of PBX systems
- Clamps for 1–4 bell buttons
- Simple mounting with glue pads and eyelets

Voicemail Center 461.2

- Professional voicemail solution with 1 global and 4 individual mail boxes
- 60 minutes recording capacity, 10 announcements
- Name or number display (CNIP/CLIP)

WG-640

- Dialling device for analog trunk lines or PBX ports
- Certified as temperature registration device
- 6 inputs, useable for NC/NO contacts or analog inputs
- 2 relays, useable for switching or signalling

Analog/ISDN Converter

- 2 analog trunk lines, 1 internal ISDN port
- Useable to connect ISDN systems to analog networks
- Number and name display (FSK and DTMF)
- Supports network features

Auerswald makes it perfect!

With the increasing size of your company the demands towards your communication system are developing as well. Auerswald telephone systems simply grow in parallel.

With the perfectly aligned accessories from Auerswald you can create your own tailor-made telephone system by yourself.

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Auerswald®
Simply Clever PBX Systems

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